

ABSTRACT

A video signal judgment circuit for judging the condition of a video signal compounded of a picture signal and a synchronization signal is provided. The video signal judgment circuit is adapted to first filter the video signal by a low-pass filter (LPF) having an adjustable cutoff frequency and then separate the synchronization signal from the filtered signal to provide a pulsed synchronization detection signal. Upon comparison of a detection signal formed on the basis of the synchronization detection signal with an adjustable judgment reference value, the video signal judgment circuit outputs a video signal judgment signal indicative of the condition of the video signal as to whether or not the video signal is nullified or deteriorated.